

Comparisons of Job Characteristics

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|--|
| Building and Construction | 4.0 | 17.9 | 10.6 | << Extensive education and/or training may be required |
| Design | 5.2 | 10.7 | 8.9 | < Expanded education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Tile and Marble Setters (47-2044)

Associated Occupation: Brickmasons and Blockmasons (47-2021)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Mathematics | 6.2 | 8.9 | 8.6 | 0 Current skill level may be sufficient |
| Quality Control Analysis | 5.9 | 8.3 | 6.7 | < A higher skill level may be required |
| Equipment Selection | 3.3 | 5.8 | 5.2 | < A higher skill level may be required |
| Management of Material Resources | 3.7 | 5.1 | 3.9 | < A higher skill level may be required |
| Repairing | 3.4 | 5.1 | 4.5 | < A higher skill level may be required |
| Equipment Maintenance | 3.5 | 4.7 | 5.3 | > Skill level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Tile and Marble Setters (47-2044)
Associated Occupation: Brickmasons and Blockmasons (47-2021)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Static Strength | 5.0 | 14.1 | 9.2 | << | Extensive improvement in abilities may be required |
| Trunk Strength | 5.7 | 13.8 | 11.0 | < | Some improvement in abilities may be required |
| Extent Flexibility | 4.8 | 11.9 | 11.5 | 0 | Current ability level may be sufficient |
| Manual Dexterity | 6.5 | 11.8 | 8.7 | << | Extensive improvement in abilities may be required |
| Dynamic Strength | 3.5 | 11.4 | 6.2 | << | Extensive improvement in abilities may be required |
| Visualization | 7.5 | 11.1 | 11.5 | 0 | Current ability level may be sufficient |
| Multilimb Coordination | 6.0 | 10.8 | 8.5 | < | Some improvement in abilities may be required |
| Gross Body Equilibrium | 3.2 | 8.0 | 6.7 | < | Some improvement in abilities may be required |
| Stamina | 4.0 | 7.8 | 7.7 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 100

Focus Occupation: Tile and Marble Setters (47-2044)
Associated Occupation: Brickmasons and Blockmasons (47-2021)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Adhere to safety procedures | 12 |
| Apply adhesives, caulking, sealants, or coatings | 45 |
| Apply grouting or other masonry adhesives | 81 |
| Apply plaster, stucco or related material | 80 |
| Build or repair structures in construction, repair, or manufacturing setting | 54 |
| Climb ladders, scaffolding, or utility or telephone poles | 56 |
| Cut or shape stone, tile, brick, or related material | 76 |
| Determine material or tool requirements | 72 |
| Erect scaffold | 56 |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 |
| Lay or install brick, block, stone, tile, or related masonry material | 81 |
| Lay out masonry work | 87 |
| Measure tile or masonry materials | 82 |
| Mix mortar, grout, slurry, concrete, or related masonry material | 80 |
| Mix paint, ingredients, or chemicals, according to specifications | 35 |
| Move or fit heavy objects | 8 |
| Perform safety inspections in construction or resource extraction setting | 46 |
| Prepare site or surfaces for concrete or masonry work | 76 |

| | |
|---|----|
| Read blueprints | 10 |
| Read tape measure | 41 |
| Read technical drawings | 7 |
| Repair or replace damaged bricks, tile, or related masonry | 85 |
| Select masonry material to be installed according to specifications | 89 |
| Understand construction specifications | 53 |
| Use hand or power tools | 2 |
| Use measuring devices in construction or extraction work | 41 |
| Verify levelness or verticality, using level or plumb bob | 72 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 88

Focus Occupation: Tile and Marble Setters (47-2044)
Associated Occupation: Brickmasons and Blockmasons (47-2021)

| Tools and Technologies | Exclusivity |
|--|-------------|
| Abrasives and abrasive media | 56 |
| Aerial lifts | 13 |
| Building construction machinery and accessories | 25 |
| Business function specific software | 1 |
| Compressors | 9 |
| Computers | 1 |
| Cutting and crimping and punching tools | 3 |
| Dispensing tools | 6 |
| Face and head protection | 7 |
| Fall protection | 16 |
| Fastener setting tools | 12 |
| Forming tools | 2 |
| Holding and clamping tools | 3 |
| Indicating and recording instruments | 2 |
| Industry specific software | 1 |
| Ladders and scaffolding | 6 |
| Lifting equipment and accessories | 3 |
| Marking tools | 11 |
| Masonry and concrete tools | 22 |
| Measuring and layout tools | 3 |
| Pneumatic tools | 8 |
| Power generators | 16 |
| Power tools | 2 |
| Prying and bending tools | 10 |
| Respiratory protection | 6 |
| Rough and finishing tools | 5 |
| Soldering and brazing and welding machinery and supplies | 6 |

| | |
|-----------------------------------|---|
| Vision protection and accessories | 3 |
| Wrenches and drivers | 2 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.